

Additional File 2 - Effects of LY294002 and wortmannin on gene expression

Proliferating T98G cells were treated with either 50 μ M LY294002 or 50 nM wortmannin for 4 hours. *A*, Gene expression was quantitated by RT-PCR. Data are expressed as average fold changes from two independent experiments. *B*, Whole cell extracts were subjected to SDS-PAGE and immunoblotted with antiphospho Akt. Extracts of untreated cells were diluted 1/5 and 1/10 for comparison with undiluted extracts of LY294002 and wortmannin treated cells

A

	Fold change	
	LY294002	Wortmannin
Up-regulated genes		
<i>ATROGIN-1</i>	3.5	3.6
<i>BCL6</i>	3.0	2.2
<i>BTG1</i>	8.2	4.1
<i>CCNG2</i>	2.4	3.0
<i>DDIT3/CHOP</i>	2.2	0.7
<i>IRF7</i>	3.6	1.2
<i>SAT1</i>	2.0	1.4
<i>TXNIP</i>	3.4	1.9
Down-regulated genes		
<i>BIRC3/cIAP2</i>	11.3	2.5
<i>CCL2</i>	17.1	1.8
<i>CCND1</i>	6.1	4.4
<i>DCK</i>	1.8	1.3
<i>DSCR-1</i>	2.8	2.1
<i>EDN1</i>	39.5	14.3
<i>G0S2</i>	7.8	3.4
<i>PLAU</i>	3.0	2.2
<i>PTX3</i>	5.6	4.6
<i>TNFRSF11b/OPG</i>	3.6	1.1

B

